



AMENDMENTS UNDER 37 C.F.R. § 1.111
U.S. Application No. 10/090,819

Attorney Docket No. Q68804

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A transmitting circuit using plural transmission frequency bands, comprising:
 - an input stage amplifier for amplifying an input signal;
 - an operating condition setting circuit for controlling an optimally amplified frequency band by setting an operating condition of the input stage amplifier;
 - a high-pass filter and a low-pass filter connected to an output of the input stage amplifier;
 - a high-frequency-band last stage amplifier, disposed corresponding to the high-pass filter, for amplifying a signal of frequency band passed by the high-pass filter; and
 - a low-frequency-band last stage amplifier, disposed corresponding to the low-pass filter, for amplifying a signal of frequency band passed by the low-pass filter.
2. (original): The transmitting circuit as set forth in claim 1,
 - wherein the input stage amplifier is composed of transistors, and
 - wherein the operating condition setting circuit sets a bias voltage of the transistors.

3. (original): The transmitting circuit as set forth in claim 1,
wherein the high-pass filter and the high-frequency-band last stage amplifier correspond to the DCS 1800 frequency band, and
wherein the low-pass filter and the low-frequency-band last stage amplifier correspond to the GSM 900 frequency band.
4. (original): The transmitting circuit as set forth in claim 1,
wherein the input stage amplifier is a class C amplifier.
5. (original): The transmitting circuit as set forth in claim 1,
wherein all the amplifiers and filters are formed on the same semiconductor die.
6. (original): The transmitting circuit as set forth in claim 1,
wherein each of the amplifiers is produced by GaAs process.
7. (original): A communication terminal unit, comprising:
an antenna for transmitting and receiving a signal; a receiving circuit for amplifying the signal received by the antenna;
a demodulating circuit for demodulating the signal received from the receiving circuit;
a base band signal processing circuit for processing the demodulated signal;

a modulating circuit for modulating the signal processed by the base band signal processing circuit;

a transmitting circuit for amplifying the modulated signal to transmit, the transmitting circuit being as set forth in one of claims 1 to 6;

means for designating a transmission frequency band to the operating condition setting circuit of the transmitting circuit; and

a switching circuit for selectively connecting the receiving circuit or the transmitting circuit to the antenna.

Claims 8-15 (canceled).

16. (previously presented): The transmitting circuit according to claim 1 wherein said operating condition setting circuit sets at least two operating conditions of the input stage amplifier, one set of operating conditions optimized for one frequency band and a second set of operating conditions optimized for a second frequency band.